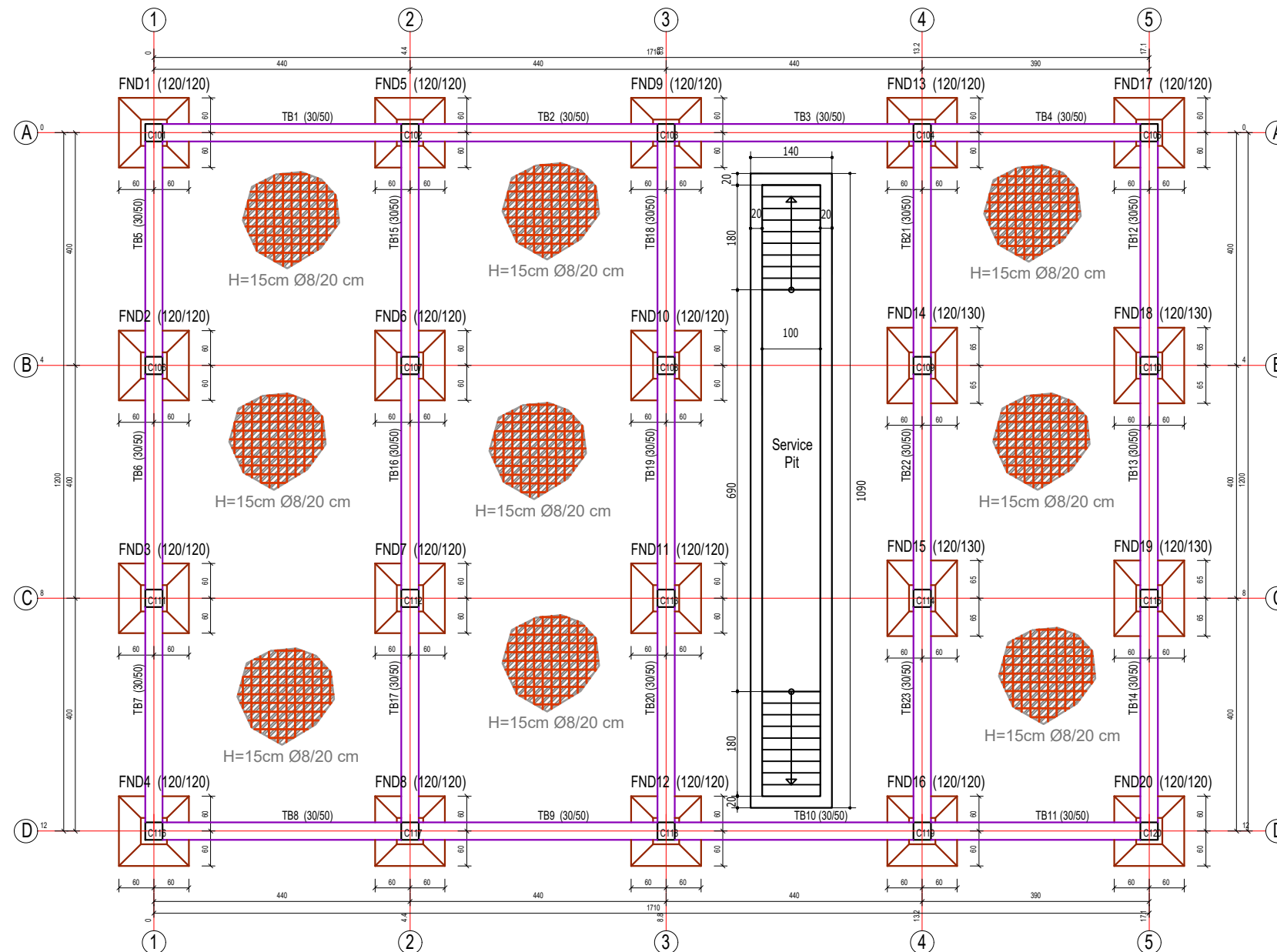
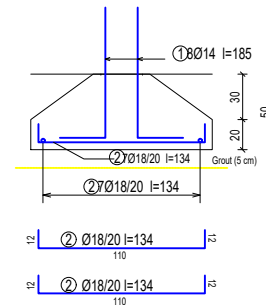
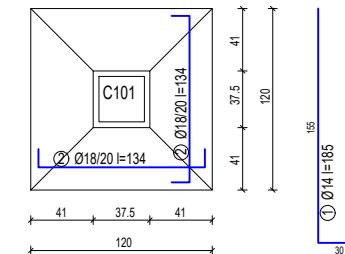


FOUNDATION PLAN



FND1 FTG. (120/120)



Technical Notes:

Structural elements are calculated and designed with following characteristics:

Foundation: Foundations are designed with plinths:

- Concrete C-25/30 ($f_{ck}=25000\text{N/mm}^2$) with safety factor $\gamma_c=1.5$
- Reinforcement S460A ($f_{yk}=460\text{N/mm}^2$) with safety factor $\gamma_s=1.15$

Concrete Walls & Columns: All walls & columns are designed with:

- Concrete C-25/30 ($f_{ck}=25000\text{N/mm}^2$) with safety factor $\gamma_c=1.5$
- Reinforcement S460A ($f_{yk}=460\text{N/mm}^2$) with safety factor $\gamma_s=1.15$

Concrete Beams: Beams for all storeys are designed with:

- Concrete C-25/30 ($f_{ck}=25000\text{N/mm}^2$) with safety factor $\gamma_c=1.5$
- Reinforcement S460A ($f_{yk}=460\text{N/mm}^2$) with safety factor $\gamma_s=1.15$

Concrete Slab: Slabs for all storeys are designed with:

- Concrete C-25/30 ($f_{ck}=25000\text{N/mm}^2$) with safety factor $\gamma_c=1.5$
- Reinforcement S460A ($f_{yk}=460\text{N/mm}^2$) with safety factor $\gamma_s=1.15$

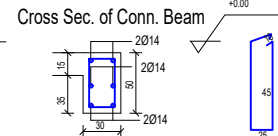
B.O.Q.

FORMWORK (m²): 142.6

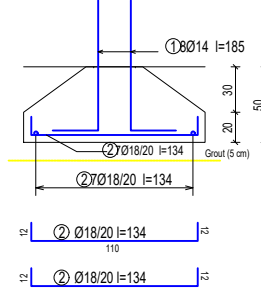
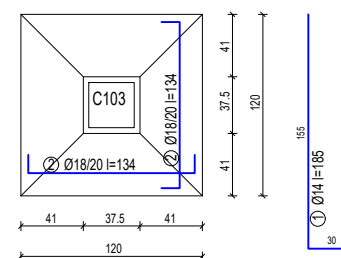
CONCRETE (m³): 28.77



Ø 14-50 (kg): 110.5


ITEM	MARK	DIA.	LENGTH	WEIGHT
28	P02	Ø18	134	74.8
16	P01	Ø14	185	35.7



FND9 FTG. (120/120)



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Name				
Designed	Qinami	April 2018		
Drafted	Qinami	April 2018		
Checked		April 2018		
Project No.	213 - 68524			

Client	Ministry of Environment and Energy			
Project Title	Consultancy Services for Feasibility Study for an Integrated Solid Waste Management System for Zone III (including Greater Malé) and Preparation of Engineering Design of the Regional Waste Management Facility at Thilafushi			
Design phase	Detailed Design Harbour Rehabilitation			
Contents	Workshop Building - RC Foundation Plan			
Scale	1 : 50			
Drawing No.	4.2.1	Paper	A3	